

(cold nodule) , 가
4 cm (hypoechoic) 가
5 × 4 cm



Fig. 1. Neck CT shows 5 × 4 cm sized inhomogeneous mass lesion in the right thyroid gland. This mass appears as replacing right lobe and confines within the thyroid gland.

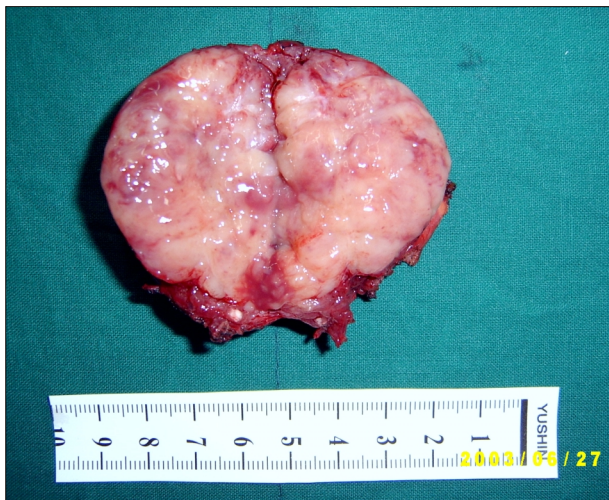
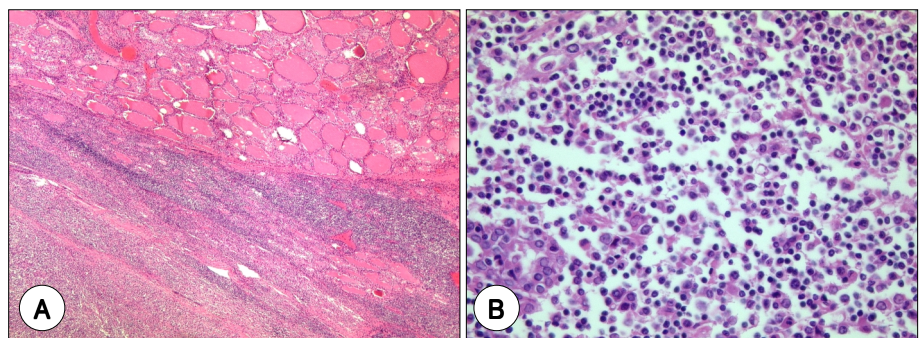


Fig. 2. A cut section of tumor in the right thyroid gland shows multilobulated areas associated with focal necrosis and hemorrhage.

Fig. 3. A : Microscopic finding of the thyroid mass shows marked lymphocytic infiltration and a few remaining degenerated follicles (H-E stain, × 10). B : Frequent lymphoepithelial lesion with relatively monotonous lymphocyte infiltration. This findings are compatible with MALToma (H-E stain, × 200).



(Fig. 1).

low - grade MALToma

(Fig. 2)

low - grade MALToma

(Fig. 3A and B).

3060 cGy

5%

1/10

60

40

1 : 4

5 - 10)

가

가

가

5 cm

가

(stridor)

.⁴⁾ Compagno

⁶⁻⁸⁾

, Greenspan

¹¹⁾

80%

40%

가
 , Holm¹²⁾¹³⁾
 67
 5%⁵⁾
 35~40%,
 : MALT
 가
¹⁴⁾ MALT-
 oma 가
 (lymphoid follicle)
 가
 (interfollicular space) (germinal center)
 가
 가
 , MRI,
 가
 (screening)
 가
 5

REFERENCES

- 1) Staunton HD, Greening WP. *Clinical diagnosis of thyroid cancer. Br Med J* 1973;4:532-5.
- 2) Gogas J, Kouskos E, Markopoulos C, Androulakis A, Mantas D, Gogas H, et al. *Mucosa-associated lymphoid tissue thyroid lymphoma: A rare and not aggressive tumour. Eur J Surg* 2002;168:572-4.
- 3) Tieblemont C, Berger F, Coiffier B. *Mucosa-associated lymphoid tissue lymphomas. Curr Opin Oncol* 1995;7:415-20.
- 4) Wozniak R, Beckwith L, Ratech H, Surks MI. *Maltoma of the thyroid in a man with Hashimoto's thyroiditis. J Clin Endocrin Metab* 1999;84:1206-9.
- 5) Burk JS, Butler JJ, Fuller LM. *Malignant lymphoma of the thyroid: A clinical pathologic study of 35 patients including ultrastructural observation. Cancer* 1977;39:1587-602.
- 6) Compagno J, Otertel JE. *Malignant lymphoma and other lymphoproliferative disorder of the thyroid gland: A clinicopathologic study of 245 cases. Am J Clin Pathol* 1980;74:1-11.
- 7) Devine RM, Edis AJ, Banks PM. *Primary lymphoma of the thyroid: A review of the Mayo clinic experience through 1978. World J Surg* 1981;5:33-8.
- 8) Grimley RP, Oates GD. *The natural history of malignant thyroid lymphoma. Br J Surg* 1980;67:475-7.
- 9) Sirota DK, Segal RL. *Primary lymphoma of the thyroid gland. JAMA* 1979;242:1743-6.
- 10) Anscombe AM, Wright DH. *Primary malignant lymphoma of the thyroid-A tumour of mucosa-associated lymphoid tissue: Review of 76 cases. Histopathology* 1985;9:81-97.
- 11) Greenspan FS. *Thyroid diseases. Med Clin North Am* 1991;75:61-77.
- 12) Holm LE, Blomgren H, Lowhagen T. *Cancer risks in patients with chronic lymphocytic thyroiditis. NEJM* 1985;312:601-4.
- 13) Kato I, Tajima K, Suchi T, Aozasa K, Matsuzuka F, Kuma K, et al. *Chronic thyroiditis as a risk factor of B-cell lymphoma in the thyroid gland. Jpn J Cancer Res* 1985;76:1085-90.
- 14) Fumio M, Akira M, Shoichi K. *Clinical aspect of primary thyroid lymphoma: Diagnosis and treatment based on our experience of 119 cases. Thyroid* 1993;3:93-9.